

**METHOD AND APPARATUS FOR ALLOCATING ADDRESSES IN
INTEGRATED ZERO-CONFIGURED AND MANUALLY
CONFIGURED NETWORKS**

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ABSTRACT

A method and an apparatus for allocating an address in an integrated network comprising at least one zero-configuration network component and one or more configured network components are disclosed. The method
10 comprises the steps of obtaining address reachability information relating to configured components (110), automatically allocating an address that avoids an addressing conflict with the configured components (120), and providing the allocated address to a routing protocol serving the configured network components (130). A network including the foregoing apparatus is also
15 disclosed. The apparatus or network device typically comprises a zero-configuration router modified to perform the foregoing method steps.